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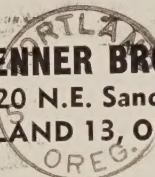
# Bulbs for Fall Planting

from

1948

**ZENNER BROS.**

3718-20 N.E. Sandy Blvd.  
PORTLAND 13, OREGON



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OCT 29 1948

U. S. Department of Agriculture

To:

*U. S. Dept. Agriculture  
Library  
Washington*

PARROT  
TULIP  
RED  
CHAMPION

*25  
d. C.*







## TULIPS

All Tulips, except where otherwise noted:  
6 for 80c; 12 for \$1.50; 100 for \$11.50.

### DARWINS

*Brightly colored, cup-shaped blooms on tall stems, excellent for cutting. At their best about middle of May.*

**Charles Needham.** Finest of the bright scarlets. Large, vermilion globes. Good stems. Good keeper. 24".

**City of Haarlem.** Pure scarlet with steel-blue center. White ring. 31".

**Clara Butt.** Clear soft pink. Old midseason favorite. 24".

**Duke of Wellington.** Creamy white. Midseason. 27".

**Farncombe Sanders.** Fiery rose scarlet. White center, marked blue. 29".

**Golden Age.** Deep yellow flushed salmon-orange. 25".

**Insurpassable.** Huge soft lilac. Great substance. 28".

**La Tulip Noir.** The black tulip. Large, deep velvety maroon-black. 26".

**Niphetos.** Very light yellow. Long, slightly reflexed petals. Perfectly formed. 29".

**Queen of the Night.** Deep velvet maroon. 30".

**Rev. H. Ewbank.** Soft lavender, edged silver-gray. 26".

**Zwanenburg.** One of the best large whites. Early. 28".

**Mixed Darwin Tulips.** A fine hand made selection of best varieties. 12 for \$1.15; 100 for \$8.50.



KEIZERSKROON

### SINGLE EARLY

*Useful for early bloom, or for bedding purposes in front of later, taller varieties.*

6 for \$1.00; 12 for \$1.90; 100 for \$13.50

**Keizerskroon.** Very popular large red with broad yellow border. Excellent forcer. 15".

**Prince Carnaval.** Yellow overlaid with red. 16".

**Vermilion Brilliant.** Dazzling scarlet.

### COTTAGE TULIPS

*May-flowering as the Darwins, this group offers new ranges of color and shape. The blossoms are mostly oval and long, some even sweet-scented.*

**Advance.** Fiery red with blue center. Outside of petals is rose. Very outstanding. Early. 31".

**Albino.** Pure white, yellow stamens. Early. 22".

**Dido.** Rich orange shaded red, deeper at edges. 32".

**Mrs. J. T. Scheepers.** Stunning golden yellow of great size. Ivory pollen. Very robust. 34".



GOLDEN AGE



CHARLES  
NEEDHAM

### BREEDERS

*Immense blossoms in deep, rich color blends—the only two-tones. They bloom with Darwins and Cottages.*

**Bacchus.** Deep violet-blue with white base. 29".

**Brigadier.** Deep orange tinged bronze, light edge.

**Dillenburg.** Red orange, flushed lilac. 27".

**Louis XIV.** Large bluish violet. Tawny margin. 36".

### DOUBLES

*Short stemmed, peony flowered double blossoms. Excellent for bedding.*

6 for \$1.00; 12 for \$1.90; 100 for \$13.50

**Eros.** Large double lilac rose. Late. 20".

**Marechal Niel.** Silky yellow tinted salmon. Early.

**Mount Tacoma.** Large snow white. Late. 18".

**Peach Blossom.** Soft rosy pink. Early. Long lasting. 12".

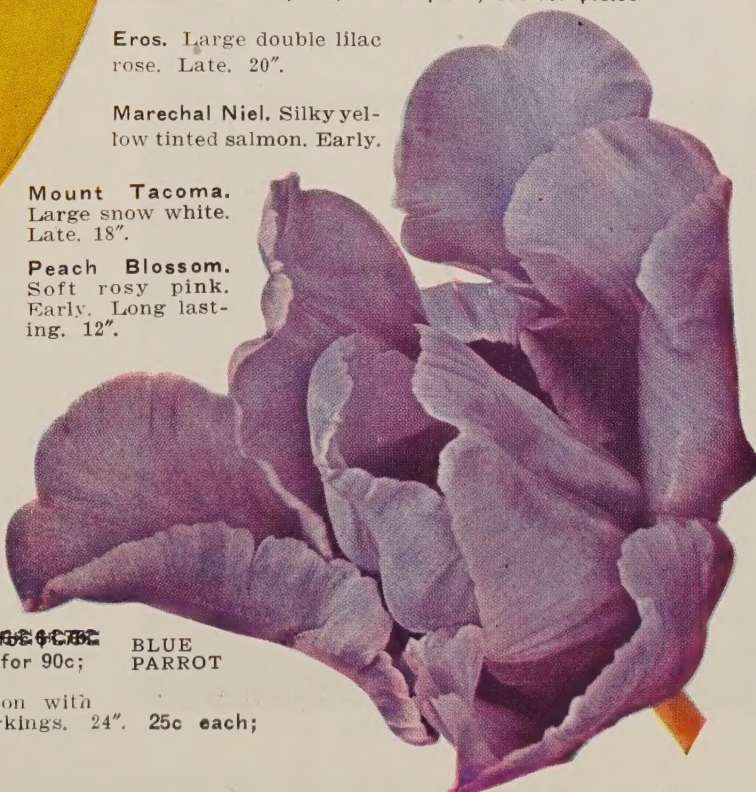
### PARROT TULIPS

*Deeply cut and waved petals with gay feathering of contrasting colors.*

**Blue Parrot.** Large bright violet, shaded steel-blue. Late. 27". 20c each; 6 for \$1.10; 12 for \$2.00.

**Fantasy.** Soft rose with feathering of lettuce-green. 27". 15c each; 12 for \$1.75.

**Red Champion.** Huge bright crimson with rose shadings and black-green markings. 24". 25c each; 6 for \$1.35; 12 for \$2.50.



BLUE  
PARROT



## DAFFODILS or NARCISSUS

*These most satisfactory of spring flowers can be grown outdoors or in pots. Their free-flowering, delicately scented blooms reward the grower with many years of delight. In the following descriptions the "trumpet" or "cup" is the center of the flower; the surrounding petals are the perianth.*

### TRUMPET DAFFODILS

**Aerolite.** Perianth deep primrose with trumpet of pure medium yellow. The large flowers are beautifully proportioned and graceful. Very long lasting. **Double nose bulbs:** Doz. \$3.00; 100 for \$20.00.

**King Alfred.** A deep golden yellow flower of wonderful substance on stiff two-foot stems. Trumpet deeply frilled and recurved at the mouth. **Jumbo bulbs:** Doz. \$2.75; \$18.50 per 100. **Round bulbs:** Doz. \$1.75; 100 for \$12.50.

**Silver Star.** Perfect broad-petaled star-shaped perianth of pure cream white, wide mouthed trumpet of primrose, changing to pale lemon. Free flowering, with long stately stems. **Double nose bulbs:** Doz. \$3.50; 100 for \$24.50.

**Spring Glory.** Trumpet of pure yellow; perianth white and of good form. The best bicolor of its type for all around planting. **Double nose bulbs:** 12 for \$2.75; 100 for \$18.50. **Round bulbs:** 12 for \$2.00; 100 for \$14.50.

**Mrs. E. H. Krelage.** One of the later flowering daffodils. The creamy-white perianth is at first opening accented by a slightly lemon throat which gradually turns to uniform ivory white. **Double nose bulbs:** Doz. \$3.00; 100 for \$20.00.

### MIXED TRUMPET DAFFODILS

A magnificent mixture of many fine varieties, carefully blended to give the longest flowering season possible. Plant a row of these fine, plump bulbs and you will have cut flowers galore. **Round bulbs:** Doz. \$1.25; 25 for \$2.25; 100 for \$8.75.

### BRIGHT CUPS

**Actaea.** The largest Poeticus. Broad white perianth of great substance and good form. Large "eye" deeply margined red. **Double nose bulbs:** Doz. \$1.75; 100 for \$12.50.

**Croesus (Incomp.).** Thick petaled perianth of light canary yellow, opening flat, with the outer petals nearly touching, the inner ones overlapping; broad fluted cup of rich orange. **Double nose bulbs:** Doz. \$1.75; 100 for \$12.50.

**Diana Kasner (Barrii).** A pure white perianth and a large fluted yellow cup with blood-red frill. Increases rapidly, is free flowering, has fine long stems and is a good forcer. **Double nose bulbs:** Doz. \$1.75; 100 for \$12.50.

**Dick Wellband.** A brilliant flame orange cup and a pure white perianth combine in a striking contrast. **Double nose bulbs:** Doz. \$3.50; 100 for \$24.50.

**Fortune.** This very early and long lasting variety has a wide, deep orange cup against a background of bright yellow petals. Tall and graceful. **Double nose bulbs:** 60c each; doz. \$6.00.

**John Evelyn (Incomp.).** An outstanding favorite in the daffodil world. Large pure white perianth opens perfectly flat and is 4 to 5 inches across. The large flat cup of lemon yellow is densely frilled or shirred to the base. A flower of most refined appearance. **Double nose bulbs:** 25c each; \$2.75 doz.; 100 for \$18.50.

**Helios (Incomp.).** Golden yellow perianth; cup opens a little darker than the petals gradually changing to light orange. Very long stems and very early. **Double nose bulbs:** Doz. \$1.75; 100 for \$12.50.



KING ALFRED



JOHN EVELYN



DIANA KASNER

Good Bulbs, Planted Early



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CULTURAL DIRECTIONS  
ON PAGE 6**



CHEERFULNESS

**POLYANTHUS NARCISSUS**

*Excellent for indoor culture and for outdoor planting in warmer areas.*

*No other group of Narcissi blooms as freely or naturalizes as readily as these. The big clusters of small yet perfectly formed blooms make their appearance early in the spring and will fill your garden with their intense fragrance. The long, sturdy stems hold the flower heads proudly erect, a requisite for lovely floral arrangements.*

**Paper-White Narcissus.** Blooms very early. One bulb frequently has as many as 30 intensely fragrant individual blooms. Plant in bowls for fragrant early blooms indoors. Round bulbs: Doz. \$1.50; 25 for \$2.75.

**Chinese Sacred Lily.** The Chinese "Flower of the Gods". Each bulb produces several spikes of exceedingly fragrant white flowers with a yellow cup. Grows easily in the garden, blooms early and is excellent for growing in bowls for indoor enjoyment. Round bulbs: Doz. \$1.65; 25 for \$3.00.



SOLEIL D'OR

**Soleil d'Or.** These gleaming golden yellow flowers with their deep brilliant orange cups are very showy and appear very early in the garden before the other Narcissi. They may be grown successfully indoors. Round bulbs: Doz. \$1.65; 25 for \$3.00.

**JONQUILS**

**Campernelle Rugulosus.** A single flowered golden Narcissus really entitled to the name Jonquil. Because of its extreme earliness, ability to grow anywhere, and exquisite scent, there should be a clump of them in every garden. The foliage is grass-like, and the dainty miniature blooms are usually borne three on a stalk. Double nose bulbs: Doz. \$1.50; 100 for \$11.50.

**DOUBLE DAFFODILS**

**Twink.** Semi-double type. Alternating petals of primrose and clear orange give the flower a most attractive appearance. A novelty that attracts instant attention. Double nose bulbs: Doz. \$2.75; 100 for \$18.50.

**CLUSTER FLOWERED NARCISSUS**

**Cheerfulness.** A very distinct and decorative variety. Erect stems, each bearing a cluster of small blooms with broad, rounded, creamy white perianth and full double center of creamy white and yellow. Double nose bulbs: Doz. \$1.75; 100 for \$12.50.

**Laurens Koster.** Creamy white perianth and lemon yellow cup, 5 to 7 on a stem. An old standby and the best white poetaz for forcing. Double nose bulbs: Doz. \$1.50; 100 for \$11.50.



DUTCH IRIS WEDGWOOD

**DUTCH IRIS**

Beautiful orchid-like flowers in many lovely shades. They bloom with and after the May-flowering tulips. Dozen 85c; 100 for \$6.50.

**Imperator.** Standards of imperial purple; falls a lovely light azure blue with a brilliant yellow spot.

**White Excelsior.** Large uniformly pure white flowers with very broad falls. Very good form and substance. Medium height. Early.

**Wedgwood.** Blooms with late daffodils, whereas others bloom with the late tulips. Tall, strong stems produce large, medium-blue flowers. Just the right blue to combine with daffodils.

**Yellow Queen.** Standards and falls golden yellow. Good forcer.

**Mixed Varieties.** An excellent mixture of the best kinds.

**ALL  
CULTURAL DIRECTIONS  
ON PAGE 6**

*Early, Assure an Abundance of Flowers in Spring*



## RANUNCULUS

Popular double flowers of fine texture and lovely colors. Unexcelled for bedding and cut flowers. Best in a sunny place.

Mixed shades. Will give a good range of colors. All top quality bulbs. Large bulbs: Doz. 75c; 100 for \$5.75.

Medium size: Doz. 50c; 100 for \$3.00. Small size: 100 for \$2.00.

Separate Colors. Red shades, Yellow, White, Pink and Gold. Large bulbs: Doz. \$1.00; 100 for \$7.50.

## MUSCARI

### (GRAPE HYACINTH)

Delightful dwarf blue-flowering bulb, useful as a ground cover, especially with early pink or yellow flowering plants. Used in broad drifts they make an unforgettable picture, the little grape-like clusters of flowers a beautiful shade of blue. 6 inches. Doz. 75c; 100 for \$5.75.

## CROCUS

### Giant Spring Flowering Type

No one who is looking forward each year to finding "the first flower of spring" should be without a crocus patch in the garden. Massed in beds or scattered throughout the lawn, crocus should always be planted in groups for cheeriest effect.

Yellow Mammoth

Queen of the Blues

King of the Whites

Striped Beauty

Mixed Colors

12 for 60c; 100 for \$4.25



RANUNCULUS



SCILLAS

## SCILLA

### (WOOD HYACINTH)

Graceful spikes of bell shaped flowers. They do well in shade or sun for naturalizing. Blue, white, pink or mixed. 100 for \$5.75; 12 for 75c.

## FREESIAS

Beautiful clusters of fragrant flowers in a variety of colors. They are best in pots or, if outdoors, where they may be sheltered from the rain. Large bulbs: Doz. 75c; \$4.50 per 100.

Mammoth White. An outstanding large pure white that blooms very early.

Mammoth Yellow. Similar to the giant improved Golden Daffodil. Very early.

Tecolote Mixture. A carefully blended mixture of all colors.



FREESIAS



CROCUS







## HYACINTHS

Hyacinths are easy to grow either as bedding or potting plants, and their fragrance, attractive colors and lasting qualities established their universal popularity.

**King of the Blues.** Dark blue, compact truss.

**L'Innocence.** Pure white, large truss. Best all around white.

**City of Haarlem.** Pure yellow, large truss, fine for exhibition.

**La Victoire.** Bright carmine-rose, fine spike.

**Queen of the Pinks.** Beautiful pink, long spike.

**Jumbo size,** for exhibition and forcing: 3 for \$1.00; 12 for \$3.50.

**Large size,** for planting outdoors: 3 for 75c; 12 for \$2.50.

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HYACINTHS



ST. BRIGID ANEMONES

## ANEMONES

These very early spring flowers which resemble, in smaller form, a double or single Shirley Poppy, appear during warm spells in late winter and reach their maximum display in the first open weather of spring.

**Monarch de Caen.** The finest single flowered Anemones. Tall growing with immense saucer-shaped flowers of brilliant colors from pink to blues and brilliant scarlet. **Mixed Shades, Large bulbs:** Doz. 80c; 100 for \$6.50.

**St. Brigid.** Large semi-double flowers of the most delicate shades of color including rose, pink, lavender and blue. **Mixed shades, Large bulbs:** Doz. 80c; 100 for \$6.50. **Medium size:** Doz. 50c; 100 for \$3.00.

## LILIES

**L. centifolium "Olympic Hybrids".** A lily of magnificent proportions. The large, widely flaring trumpets vary in color from pure icy white to warm cream, some with green, others with yellow throat, still others pure white. The reverse side of the petals is pink, light brown or white. 5 to 7 feet high, 3 flowering-size bulbs: \$1.50 per box.

**Bellingham Hybrids.** Attractive colors, ranging from yellow to orange reds spotted brown. Excellent cut flowers. Plant in cool light shade and cover bulbs 4 inches. 3 flowering-size bulbs: \$1.50 per box.

Collections of 10 Assorted Lilies, packed in attractive box and containing 2 bulbs each of the following 5 varieties:

**L. Centifolium "Olympic Hybrids".** See above.

**L. "Bellingham Hybrids".** See above.

**L. pardalinum giganteum — Sunset Lily.** Large, recurved crimson flower shaded gold and spotted deep purple. The easiest of all to grow, in sun or light shade. 6 feet tall.

**L. umbellatum—"New Hybrids".** Also called Torch Lily or Candlestick Lily. Deep orange, large and upright flowers tipped red. 2 to 3 feet high.

plus two bulbs of our choice—either: **L. Formosanum** OR **L. Maxwil** OR **L. amabile** OR **L. longiflorum**.

All these 10 flowering size bulbs: \$3.50 per box.

## CALLA LILIES

Popular summer blooming bulbs for the garden or forcing indoors with lush, flashy colors.

**Pink Calla.** Only about 12 inches high. A most interesting pot plant. **Bulbs:** 50c each; 3 for \$1.25.

**White Calla (Calla aethiopica).** The popular large-flowered pure white variety. The blooms, on long stems, are surrounded with big glossy foliage. **Bulbs:** 40c each; 3 for \$1.00.

**Yellow Calla (Calla Elliottiana).** The showy flowers are a rich golden yellow while the large bright green leaves are marked with silver. **Bulbs:** 40c each; 3 for \$1.00.



BELLINGHAM HYBRID LILIES







# CULTURAL DIRECTIONS

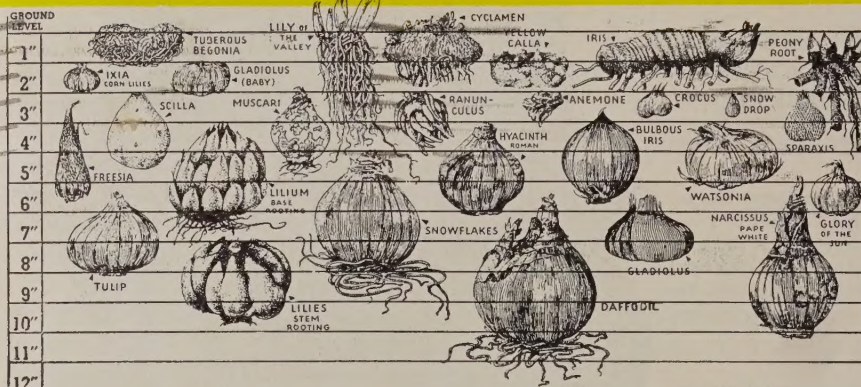


CHART SHOWING CORRECT PLANTING DEPTH FOR BULBS

Everyone enjoys the beautiful flowers that are so easily and freely obtained from spring bulbs. They can be used in many ways to enhance the spring garden: HYACINTHS, RANUNCULUS and ANEMONES in solid beds, TULIPS and DAFFODILS in beds or groups in front of shrubs, CROCUS and GRAPE HYACINTHS tucked into the lawn or in the rock garden. All will bring pleasure with their freshness and gay colors. The bulbs here offered are of the easiest cultivation. Plant them EARLY and plentifully to enjoy the most satisfactory of all spring flowers.

## TULIPS

Plant Tulips 6 inches deep and 8 inches apart in rich, deep, well drained soil. After the bulbs die down, lift the bulbs, dry them in a cool, airy place, dust with sulphur, and store until October when they should be replanted. Do not plant Tulips in small, square blocks or thin lines! Very pleasing effects can be obtained by planting them in irregularly shaped drifts of a dozen or more bulbs of one variety.

## DAFFODILS

Although Daffodils thrive in most soils, a good garden soil with ample drainage is preferred. The flowers need a fair amount of sun, especially in the morning.

## HYACINTHS

Hyacinths thrive in a rich, well drained sandy loam, planted about 5 inches deep in a sunny or partially shaded location. Leave in the ground for three years; then remove bulbs and replant them in October or November.

## DUTCH IRIS

Plant in sun or partial shade, 3 to 4 inches deep and from 4 to 6 inches apart. If planted in a sunny location they may be left in the ground for years in succession.

## CROCUS

Plant in fall and replant every 2 or 3 years, 3 or 4 inches deep in good soil or filtered shade, about 3 inches apart, best in groups.

## ANEMONES

Plant in fall for winter bloom or, where winters are cold, give a protective mulch and they will bloom in early summer. Set bulbs 2 inches deep, in well drained soil, pointed end down.

## RANUNCULUS

Best in sunny place, in light, fertile soil which has been soaked the day before planting. Set bulbs with the prongs downward and cover with 2 inches of soil.

## MUSCARI

Hardy everywhere. No special care required. Plant 3 or 4 inches deep in shade or sun.

## SCILLA

They do well in shade or sun. Plant in Sept. 5 inches deep in rich soil.

## FREESIAS

Best in pots, for sunny windows, if outdoors sheltered from the rain. Set bulbs 2 inches deep, 6-8 bulbs to a 5-inch pot. Water freely during growth.

## LILIES

Lilies do best in open, porous soil, require perfect drainage and shade from hot sun near their roots. It is therefore best to plant them in perennial border or among low growing shrubs. Manure should never be used, and no fertilizer should contact the bulbs. Individual requirements of cultivation, where necessary, are listed with the descriptions below.

## CALLA LILIES

Plant 4 inches deep in partial shade, either in the fall with a protective mulch over the winter, or in March or April. Give plenty of moisture during growth, and some fertilizer for better blooms.

**WARNING:** Never use manures with bulbs for they cause the bulb to rot. Bone meal or balanced commercial fertilizer with peat moss is best for bulbs. All bulbs need good drainage.

## SOW ANNUALS AS BULB COVER

Startling colorful cover can be easily had to bulb beds which may appear bare for quite a while after planting. After planting the bulbs, rake the surface smooth and hand-cast seeds of low growing annuals such as Virginian Stock (very showy), Linaria, Alyssum, Baby Blue Eyes (Nemophila). All of these are easy to grow, germinate quickly and cause no harm to the bulbs.